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PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing  <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	EMCORE 3.0-069
	<b>First Named Inventor</b>	Alexander Gurary
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	Not Assigned Yet
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	N/A
	<b>Examiner Name</b>	Not Yet Assigned

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REACTOR HAVING A MOVABLE SHUTTER

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application No. and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

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## DECLARATION — Utility or Design Patent Application

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith Customer Number 000530

Direct all correspondence to



Customer Number  
or Bar Code Label



000530

OR ☐

Correspondence address below

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:**



A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any])

Alexander

Family Name  
or Surname

Gurary

Inventor's  
Signature

Date

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**NAME OF SECOND INVENTOR:**



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Family Name  
or Surname

Elman

Inventor's  
Signature

Date

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08831

Country



Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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PTO/SB/02A (11-00)

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<b>DECLARATION</b>				<b>ADDITIONAL INVENTOR(S) Supplemental Sheet</b>	
				Page 1 of 1	
<b>Name of Additional Joint Inventor, if any:</b>			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
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Inventor's Signature			Date		
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<b>Name of Additional Joint Inventor, if any:</b>			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
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Vadim			Boguslavskiy		
Inventor's Signature			Date		
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Mailing Address: 26 Rider Terrace					
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Princeton		NJ	08540		
<b>Name of Additional Joint Inventor, if any:</b>			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
Inventor's Signature			Date		
Residence: City		State	Country		Citizenship
Mailing Address:					
City		State	ZIP		Country
<b>Name of Additional Joint Inventor, if any:</b>			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
Inventor's Signature			Date		
Residence: City		State	Country		Citizenship
Mailing Address:					
City		State	ZIP		Country